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DATE: February 13, 2007

PTO IDENTIFIER: Application Number 10/516,418 – Conf. # 4955  
Patent Number

Inventor: Edouard S. P. Bouvier, *et al.*

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (571) 273-8300

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PAGES (Including Cover Sheet): 5

CONTENTS: Response to Restriction Requirement (3 pages);  
Certificate of Transmission (1 page).

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Application No. (if known): 10/516,418

Attorney Docket No.: 60009US(49991)

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Response to Restriction Requirement (3 pages);

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Docket No.: 60009US (49991)  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:  
BOUVIER, Edouard S. P., et al.

Application No.: 10/516,418

Confirmation No.: 4955

Filed: November 29, 2004 (International filing date  
May 30, 2003)

Art Unit: 1616

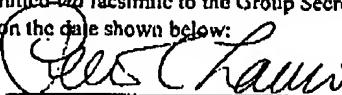
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Examiner: E. V. Arnold

**VIA FACSIMILE**  
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## CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this document is being transmitted via facsimile to the Group Secretary, Group Art Unit 1633, in the U.S. Patent and Trademark Office, at 571-273-8300 on the date shown below:

Dated: February 13, 2007

Peter C. Lauro, Esq.

**RESPONSE TO RESTRICTION REQUIREMENT**

Dear Sir:

This paper is submitted in response to the Office Action dated January 25, 2007 in the above-referenced patent application. Claims 1-45, 62-65, 95-101, 106-113, and 117 are pending in the instant application, and are subject to restriction. The Office Action, on page 2, requires restriction to one of the following groups under 35 U.S.C. §§121 and 372:

- Group I, claims 1-33, drawn to a method for enhancing a chemical reaction of a molecule.
- Group II, claims 34-45 and 62-64, drawn to a method for analysis of a biomolecule.
- Group III, claims 65 and 117, drawn to a kit.
- Group IV, claims 95-101, drawn to a method of capturing a lipophilic compound.

U.S. Ser. No.10/516,418  
Response to Restriction Requirement

Attorney Docket No. 60009US(49991)

Group V, claims 106-112, drawn to a method for enhancing surface desorption ionization analysis of a molecule.

Group VI, claim 113, drawn to a method for enhancing chemical digestion of a biomolecule.

In the response filed October 5, 2006, Applicants elected with traverse Group I, claims 1-33, drawn to a method for enhancing a chemical reaction of a molecule. Applicants confirm this election, subject to the arguments in traversal set forth in the October 5, 2006 response.

In the instant Office Action, the Examiner further requires species elections from among six categories set forth at the top of page 5 of the Office Action. Accordingly, Applicants further elect species as follows:

- (1) a proteolytic protein as the biomolecule;
- (2) biological fluids as the biological sample;
- (3) mass spectrometry as the type of analysis;
- (4) surfactant is degraded;
- (5) trypsin as the protease; and
- (6) SDS is absent.

The present species elections were made without traverse solely to expedite prosecution and should not be construed as a surrender of any subject matter of the application, nor are the elections to be construed as an acquiescence that the claimed invention lacks novelty and/or inventive step over the prior art. Further, Applicants have made the foregoing elections with the understanding that upon allowance of a generic claim, Applicants will be entitled to consideration of claims directed to additional types of biomolecules, biological samples, analyses, proteases, etc., which are written in dependent form or otherwise include all the limitations of an allowed generic claim.

The Director is hereby authorized to charge any fees required for consideration and entry of this paper (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 60009US(49991).

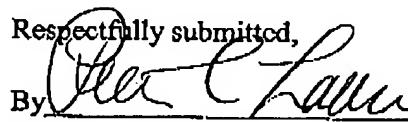
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If a telephone conversation with Applicants' representative would help expedite the prosecution of the above-identified application, the Examiner is urged to call the undersigned attorney at (617) 517-5509.

Dated: February 13, 2007

Respectfully submitted,

By   
Peter C. Lauro, Esq.

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